

Form PTO-1449 DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (USE SEVERAL SHEETS IF NECESSARY) PAGE 1 OF 2	SERIAL NO. Unknown	ATTY DOCKET NO. AP190HO
	APPLICANT(S) William Chen	
	FILING DATE Herewith	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA 6,519,662	2/11/03	Clapp, et al.			
	AB 2003/0020803	1/30/03	Yang, et al.			
	AC 2002/0199199	12/26/02	Rodriguez			
	AD 2002/0092030	7/11/02	Gu			
	AE 6,490,319	12/3/02	Yang			
	AF 2002/0141498	10/3/02	Martins, et al.			
	AG 6,178,204	1/23/01	Hazra			
	AH 6,356,664	3/12/02	Dunn, et al.			
	AI 2002/0196848	12/26/02	Roman			
	AJ 2003/0103678	6/5/03	Hsuan			
	AK 2003/0095598	5/22/03	Lee, et al.			

FOREIGN PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	AL					
	AM					
	AN					
	AO					
	AP					
	AQ					

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	<i>"New Fast Algorithms for the Estimation of Block Motion Vectors," Bede Liu and Andre Zaccarin, IEEE Transactions on Circuits and Systems for Video Technology, Vol. 3, No. 2, pp. 148-157, April 1993</i>
	AS	<i>"Computation Reduction for Motion Search in Low Rate Video Coders," J.-F. Yang, S.-C. Chang, and C.-Y. Chen, IEEE Transactions on Circuits and Systems for Video Technology, Vol. 12, No. 10, pp. 948-951, October 2002.</i>
	AT	<i>"Efficient Mode Selection for Block-Based Motion Compensated Video Coding," Thomas Wiegand, Michael Lightstone, T. George Campbell and Sanjit K. Mitra, Center for Information Processing Research, Department of Electrical and Computer Engineering University of California, Santa Barbara</i>
EXAMINER /Anand Rao/ (06/29/2008)		DATE CONSIDERED 06/29/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Form PTO-1449 DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (USE SEVERAL SHEETS IF NECESSARY) PAGE 2 OF 2	SERIAL NO. Unknown	ATTY DOCKET NO. AP190HO
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U.S. PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE
	AA1					
	AB1					
	AC1					
	AD1					
	AE1					
	AF1					
	AG1					
	AH1					
	AI1					
	AJ1					
	AK1					

FOREIGN PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	AL1					
	AM1					
	AN1					

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AO1	"A New Three-Step Search Algorithm for Block Motion Estimation," R. Li, B. Zeng, and M. L. Liu, IEEE Transactions on Circuits and Systems for Video Technology, Vol. 4, No. 4, pp. 438-442, August 1994.
AP1	"A New Diamond Search Algorithm for Fast Block-Matching Motion Estimation," Shan Zhu and K.K. Ma, IEEE Transaction on Circuits and Systems for Video Technology, Vol. 9, No. 2, pp. 287-290, February 2000.
AQ1	"Rate Control in DCT Video Coding for Low-Delay Communications", Jordi Ribas-Corbera and S. Lei, IEEE Transactions on Circuits and Systems for Video Technology, Vol. 9, No. 1, pp. 172-185, February 1999.
AR1	"A Novel Four-Step Search Algorithm for Fast Block Motion Estimation", Lai-Man Po and Wing-Chung Ma, IEEE Transactions on Circuits and Systems for Video Technology, Vol. 6, No. 3, pp. 313-317, June 1996.
AS1	"JPEG 2000 and Region of Interest Coding", Andrew P. Bradley, Fred Stentiford, Digital Image Computing Techniques and Applications, Melbourne, Australia, pp. 1-6, January 2002
AT1	"Embedded Foveation Image Coding", IEEE Transactions on Image Processing, Vol. 10, No. 10, pp. 1397-1410, October 2001.
EXAMINER /Anand Rao/ (06/29/2008)	
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